Application

Call	SARChI Communities of Practice
Call Start Date	04 April 2025
Call End Date	12 June 2025
Reference	COP250411310245
Title	Mr
Initials	ts
Name	tshingombe tshingombe
Email	tshingombefiston@gmail.com
ID/Passport Number	tircgog0091616
Race	African
Gender	Male
Citizenship	Non-South African citizen
Organisation	South African Qualifications Authority (SAQA)
Birth Date	10 October 1982
Date Generated	15 October 2025 09:28

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Personal Profile

ID/Passport Number tircgog0091616	Citizenship Status Non-South African citizen
Country Of Birth Democratic Republic of Congo	Current Country Democratic Republic of Congo
Institution South African Qualifications Authority (SAQA)	Position/Delegation engineering
Race African	Identity Type Passport Number
Gender Male	Identity Document My CV _ NRF Connect orcide tshingombe.pdf
Institution Country Democratic Republic of Congo	Passport Expiry 23-Apr-2026 12:00:00 AM
Research Expertise Curriculum Policy and Management	Research Expertise Type Field of Specialisation

Qualifications/Certifications

Academic Level of Qualification Bachelors	Study Fields Energy studies

Name Of Degree/Diploma (e.g. PhD) engineering	Institution South African Qualifications Authority (SAQA)
Fulltime Yes	Distinction N/A
Date of First Registration 2024-03-14	Completed Yes
Highest Qualification Yes	Date Obtained 2025-04-11
Academic Record/Transcript Professional Resume_CV - Atlantic International University 2.pdf	

Research Expertise

Scientific Domain

Engineering

Primary Research Fields

Engineering sciences	Technologies and applied sciences

Secondary Research Fields

Electrical Engineering	Education
Information and library science	

Field Of Specialisation

African environment	Additive manufacturing
Industrial and economic sociology	Analytical Environmental Chemistry
Applied Chemistry - Membrane Technology	Nanostructured materials and packaging
Materials science and Engineering	4th Industrial Revolution in the Construction Industry
Structural Geology	African oral literature

Student Supervision

Title Mr	Initials tsh

Surname tshingombe	Citizenship Status South African citizen
Race African	Gender Man
Institution South African Qualifications Authority (SAQA)	Level Honours
Name Of Degree/Diploma (e.g. PhD) tshingmbe	Is Fulltime Yes
Supervised From 2025	Supervised To 2025
Role Supervisor	Year First Registration 2023
Is Completed Yes	Year Awarded 2025

Career History

Type Permanent appointment	Position engineering electrical
Organisation enginering electrical	Sector Higher Education Sector
Is Current Yes	Appointed From 2025-04-14

Type Awards and prizes	Sector Higher Education Sector
Description saqa award degree diploma	

Type Awards and prizes	Sector Higher Education Sector
Description engineering electrical science	

Research Outputs

Summary

	2025	2024	2023	2022	2021	2020	2019	2018	2017	Total
Articles in Refereed/Peer-reviewed Journals	0	0	0	0	1	0	0	0	0	1

Articles in Refereed/Peer-reviewed Journals

Output Title
Conservative and Semismooth Derivatives are Equivalent for Semialgebraic Maps

Title of Journal Set-Valued and Variational Analysis	Authors Damek Davis, Dmitriy Drusvyatskiy
Status Published/produced	Year 2021
DOI 10.1007/s11228-021-00594-0	

Output Title
master education technology rural implentation framework

ISBN Number 520-03-123456	Title of Journal master education technology rural career thes
Volume 1900	Authors tshingombe
Status Attended	Publisher atlantic
DOI research thesist master doctoral	

Refereed/Peer-reviewed Conference Outputs

Output Title
https://github.com/Kananga5/Curriculum-section-1-1.1-Thesis.-Degree-honor-council-quality-rules-low-become-justice

ISBN Number 520	Contribution Title engineering ts
Proceeding Title research thesis	Authors tshingombe tshitadi
Status Attended	Country USA

Patents

Application Date 2025-04-14	Application Number 520520
Full Title engineering master doctoral	
Grant Date 2025-04-14	Grant Number 520520

Description
engineering rural master doctoral

Inventor

Poster
_____ 4.1 .12.1.Name of thesis : implementation and framework national qualification and national trade examination circulum experimental job theoretical pratical college and govern

Application Type	Region
Continuing Application	South Africa
Status	
Granted	

Application Date	Application Number
2025-09-15	30

Full Title

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston
ABSTRACT

Grant Date	Grant Number
2025-09-15	2

Description

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

�� ABSTRACT
This paper explores the intersection of career discovery, open-access learning, and credential transparency within the context of electrical engineering. It synthesizes insights from RNF (Recognition of National Frameworks), AIU (Atlantic International University), and NSF (National Science Foundation) initiatives to scaffold a transdisciplinary learning journey aligned with South Africa's National Trade Framework. The study proposes a modular, portfolio-driven approach to vocational education, integrating diagnostics, digital publishing, and global benchmarking.

�� SCOPE
• Electrical engineering education across formal, informal, and open-access platforms
• Credential alignment with SAQA/NQF, WA codes, and NSF SBIR/STTR frameworks
• Integration of AIU Guest Student modules into national qualification pathways
• Use of LMS, GitHub, and Internet Archive for portfolio documentation and career mapping
�� OVERVIEW
This work positions career discovery as a dynamic, data-driven process. It examines how learners can navigate trade qualifications through personalized learning paths, diagnostic assessments, and crede

Inventor

AUTHORY: TSHINGOMBE TSHITADI
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Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

�� ABSTRACT
This paper explores the intersection of career discovery, open-access learning, and credential transparency withiRetail library collections (e.g., CNA, Shoprite) do not include modular casebooks for trade readiness and mentoring, missing a critical opportunity to democratize technical education.”

�� Tips for Crafting Your Own
• Start with evidence or observation
• Define the gap or deficiency
• Highlight the impact on learners, educators, or institutions
• Point to the need for your specific solution
Would you like help drafting a custom problem statement for a specific funder or proposal section? I can also help you align it with your logic model or theory of change.

Application Type	Region
Continuing Application	South Africa
Status	
Granted	

Full Title

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration
Author: Tshingombe Tshitadi Fiston
�� SCOPE
This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementatiour

Description

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration
Author: Tshingombe Tshitadi Fiston
�� SCOPE
This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementation, and vocational engineering diagnostics to support career readiness and systemic reform in technical education.
�� DESCRIPTION
The framework explores how security and defence-related competencies—such as safety audits, infrastructure diagnostics, and policy facilitation—can be scaffolded into credentialed engineering pathways. It includes analysis of CCMA labour levy systems, government skill development bills, and modular engineering training aligned with SAQA/NQF standards.
�� OVERVIEW SUMMARY
• Security & Safety: Risk assessment, compliance audits, and infrastructure protection
• Defence Facilitation: Technical support roles in public safety and emergency systems
• Government Bill Skills: Implementation of national training mandates and levy-funded programs
• CCMA Labour Levy: Workforce regulation, dispute resolution, and skill funding mechanisms
• Engineering Skills: Modular diagnostics, signal processing, and infrastructure simulation
This overview supports a transdisciplinary career model that blends policy, diagnostics, and technical education.
�� DATA ANALYSIS
Domain Data Source Key Insights
CCMA Labour Records Dispute resolution logs Skill gaps in regulated sectors
Government Skill Bills Legislative archives Funding allocations and compliance
Safety Audit Reports Infrastructure diagnostics Risk mitigation and training needs
Engineering Training Logs LMS and GitHub CI/CD Credential mapping and skill indexing
�� INVESTIGATION
• Field analysis of CCMA dispute cases and skill levy outcomes
• Review of government bills on vocational training and safety compliance
• Diagnostic mapping of engineering modules to public safety roles
• Integration of security protocols into LMS and credential artifacts
⚖ ADVANTAGESUIREMENTS (South Africa & UK Cont

Career11tf discovery job trade memo lecture learn note.docx 35 MB

Career10f discovery job trade memo lecture learn note.docx 170 KB

HBXUmm-k.pdf 272 KB

kzEoOz5g.pdf 215 KB

SARAO-HCD-Diploma-in-Engineering-Technology-Scholarship-Programme-2026-Application-Guide.pdf 140 KB

y4yEC4lC.pdf 181 KB

Career8 security safety policy defended faciltor gov bill skill developmen ccma labour levy.docx2.docx 200 KB

PSSPF_Complaint-Form-2025.Individual.pdf 271 KB

pro rnf excell vba.xlsx 1.4 MB

home affairs documents cvs-1.pdf 3.6 MB

Career8 security safety policy defended faciltor gov bill skill developmen ccma labour levy.docx2(1).pdf 959 KB

Ucpd tshingombe fiston(2).docx 27 KB

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Career11tf discovery job trade memo lecture learn note.pdf 31 MB

Application

Top Research Outputs

Nothing Captured

Details of the Proposed CoP

Nothing Captured

Application Support Input

Nothing Captured

Institutional Partner

Nothing Captured

Requested Financials

Nothing Captured

Other Sources of Funding

Nothing Captured

Additional Information

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Reviewer

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Attachments

Nothing Captured

Details of Research

Nothing Captured

National Infrastructure Platform

Nothing Captured